

## ABSTRACT

A preferred route from a present place to a destination is decided based on geographical data including road shape information indicative of the shapes of roads and also  
5 including road connection information indicative of connection conditions between the roads, and then geographical data of areas existing within a predetermined distance from the decided preferred route are derived. Then, it is decided whether the road connection information should be deleted from  
10 the derived geographic data, and if so decided, the geographic data are transmitted with the road connection information deleted.